

Species Tag:	68001	Species Name:	CCCS
Version:	1		Tricarbon monosulfide
Date:	Aug. 1987		X $^1\Sigma^+$
Contributor:	R. L. Poynter		
Lines Listed:	99	Q(300.0)=	2142.397
Freq. (GHz) <	572	Q(225.0)=	1619.198
Max. J:	99	Q(150.0)=	1081.683
LOGSTR0=	-5.9	Q(75.00)=	541.003
LOGSTR1=	-2.4	Q(37.50)=	270.707
Isotope Corr.:	0.0	Q(18.75)=	135.519
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	67.920
μ_a =		A=	
μ_b =	3.6	B=	2890.38010(23)
μ_c =		C=	

The measurements were taken from S. Yamamoto *et al.*, 1987, *Astrophys. J. Lett. Ed.* **317**, L119. The dipole moment was quoted in this paper from an *ab initio* calculation by A. Murakami. There is a typographical error in the $J' = 41$ line reported in this paper.